

Device for intra-osseus sealing of a prosthesis element**Publication number:** FR2629337 (A1)**Publication date:** 1989-10-06**Inventor(s):****Applicant(s):** BIGAN MICHEL [FR]; DUREUIL JEROME [FR]**Classification:**- **international:** **A61F2/30; A61F2/36; A61F2/46; A61F2/00; A61F2/30; A61F2/36; A61F2/46; A61F2/00; (IPC1-7): A61F2/30**- **European:** A61F2/30L4; A61F2/36; A61F2/46C2; A61F2/46C2A; A61F2/46C4**Application number:** FR19880004188 19880330**Priority number(s):** FR19880004188 19880330**Cited documents:**

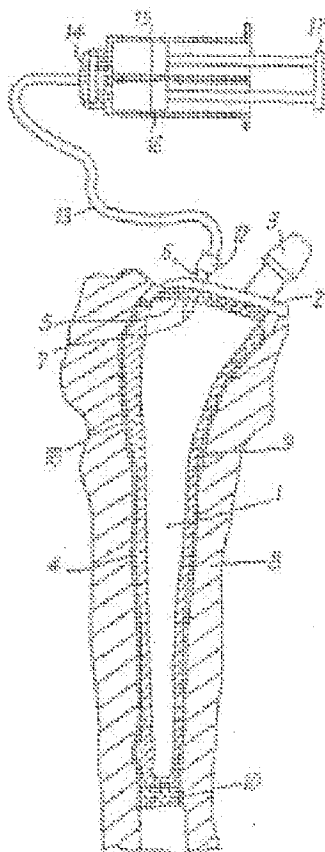
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DE8712420U (U1)

Abstract of FR 2629337 (A1)

The present invention relates to a device for intra-osseus sealing of a prosthesis element, in particular for a joint prosthesis, comprising at least one part 1 termed the stem which is intended to be inserted into a cavity 9 made in the bone 8, and to be immobilised therein. According to the invention, the stem 1 is at least partially surrounded over its part which is inserted into the bone cavity 9 by a flexible covering 4 forming a deformable leaktight chamber around the said part, with, emerging in the said chamber, a channel 7 made in the stem and emerging at its other end beyond the limit of insertion into the bone cavity; after forming the cavity 9 in the bone 8, a plug 10 is placed in the medullary canal, the stem 1 is inserted into this cavity and the prosthesis is prepositioned by injecting under pressure, through the channel 7, into the leaktight chamber defined by the covering 4, a product which can set at a low temperature with a delay of a few minutes. The invention is applicable to the fitting of prostheses, in particular hip prostheses.



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